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Result
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Perfect score:
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                                                                                                                                                                                                                                                                                                                                                           Score
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    Issued_Patents_AA:*
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Copyright (c) 1993 - 2000 Compugen Ltd.
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/cgn2_6/ptodata/2/iaa/6_COMB.pep:*
/cgn2_6/ptodata/2/iaa/fcTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/backfiles1.pep:*
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US-08-502-535B-2
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US-08-996-338-26
US-08-896-5501A-4
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US-08-896-505A-2
US-08-896-505A-2
US-08-896-505A-2
US-08-896-505A-2
US-08-896-505A-2
US-08-896-505A-2
US-08-896-505A-2
US-08-896-505A-2
US-08-819-288-3
US-08-261-822A-3
PCT-US95-07744A-3
US-08-423-716-3
US-08-423-693-11
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US-09-312-693-11
US-09-313-613-11
US-09-313-676-11
US-09-312-676-11
US-09-312-676-11
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US-09-316-433-2
US-08-106-433-2
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US-08-106-433-2
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Sequence 27, Appli
Sequence 6, Appli
Sequence 4, Appli
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Sequence 26, Appli
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4.5	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29
67	67.5	67.5	67.5	67.5	67.5	68	68	68.5	71	71	71	71	71	71	71.5	74
ω ω	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.5	8.8	8.8	8.8	8.8	8.8	8.8	8.8	9.2
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Patent No. 5217714	Sequence 21, Appl	Sequence 8, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 3, Appli	Sequence 1, Appli	Patent No. 5494663	Sequence 10, Appl	Sequence 2, Appli	Sequence 35, Appl	Sequence 36, Appl	Patent No. 5494663	Sequence 37, Appl	Sequence 33, Appl	Sequence 9, Appli	Sequence 2, Appli

## ALIGNMENTS

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LENGTH: 157 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-502-535B-2
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                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 184162/1994
ETILING DATE: 14-UL-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: JP 45057/1995
APPLICATION NUMBER: JP 45057/1995
APPLICATION THOCKNATION:
APPLICACION THOCKNATION:
NAME: BROWDY, ROSET L.
REGISTRATION NUMBER: 25,618
REGISTRATION NUMBER: 25,618
                                                                                                                                                      TELEPHONE: 202-628-519
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: OKAMURA, Haruki
APPLICANT: TANIMOTO, Tadao
APPLICANT: TORIGOE, Kakuji
APPLICANT: KUNIKATA, Toshio
APPLICANT: TORIGOHI, MUTSUKO
APPLICANT: KONON, KELZO
APPLICANT: KURIMOTO, Masashi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
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MEDIUM TYPE: Floppy |
COMPUTER: IBM PC com
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TITLE OF INVENTION: INFO-BETA PRODUCTION INDUCING PROTEIN AND
TITLE OF INVENTION: MONOCLONAL ANTIBODY OF THE SAME
NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 419 Seven
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: BROWDY AND NEIMARK
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
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No. 5912324
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USA
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Query Match

Local Similarity

Length 157;

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Length 157;

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; MOLECULE TYPE: 
-US-08-908-005A-2
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                                                                                                          TELEFAX: 202-737-3528 INFORMATION FOR SEQ ID NO: 2:
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                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/908,005A
FILING DATE: 11-AUG-1997
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 157 amino acids
                                                                                                                                                                                                                                    APPLICATION NUMBER: JP 45057/1995 FILING DATE: 10-FEB-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: IFN-BETA PRODUCTION INDUCING PROTEIN AND TITLE OF INVENTION: MONOCLONAL ANTIBODY OF THE SAME
                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/502,535
FILING DATE: 14-JUL-1995
                                                                                                                                                                                                                                                                                           FILING DATE: 14-JUL-1994 PRIOR APPLICATION DATA:
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STATE: I
COUNTRY:
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                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 14-JU
                                                                                                                                                                                               NAME: BROWDY, ROGER L.
REGISTRATION NUMBER: 25,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
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                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                         LENGTH:
                                                                                                                                                TELEPHONE:
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No. 5914253
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KURIMOTO, Masashi
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TORIGOE, Kakuji
KUNIKATA, Toshio
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                                         linear
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                                                                                                                                                    202-628-5197
                      protein
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US-08-996-338-27
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US-08-996-338-27
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                         TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC COMpatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                         APPLICATION NUMBER: JP 291,837/1997 FILING DATE: 09-OCT-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 12-MAR-PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/996,338
FILING DATE: 22-DEC-1997
PRIOR APPLICATION DATA:
ADDITION NUMBER: 15 74 697 7100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: OKURA, Takanori
APPLICANT: KURIMOTO, Musashi
APPLICANT: KURIMOTO, MUSAShi
                 MOLECULE TYPE: peptide
                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
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                                       TOPOLOGY:
                                                         TYPE:
                                                                                                                                                TELEPHONE:
                                                                                                                                                                  REFERENCE/DOCKET NUMBER: TOR
                                                                                                                                                                                                         NAME: BROWDY, ROGER L
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 28-JU
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                                                     amino acid
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                                                                                                                              202-737-3528
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OKURA, Takanori
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                                                                                                                                                                                                                                                                                                                        UMBER: JP 215,488/1997
28-JUL-1997
                                                                                                                                                                                                                                                                                                                                                                            UMBER: JP 74,697/1997
12-MAR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%;
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                                                                                                                                                                                        TORIGOE-3
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Query Match 99.8%; Score 806; DB 3; Best Local Similarity 100.0%; Pred. No. 2.4e-88;

Matches 157;

Conservative

0;

Mismatches

Indels

0

Gaps

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Length 157;

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                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 19-JUL-1996
PRIOR APPLICATION DATA:
APPLICATION UNMBER: JP 156,062/1997
APPLICATION UNMBER: JP 156,062/1997
ATTORNEY/ACENT INFORMATION:
NAME: BROWDY, ROGET L.
REFERENCE/DOCKET NUMBER: 25,618
REFERENCE/DOCKET NUMBER: TANIMOTO-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPHONE: 202-628-5197
TELEPAX: 202-737-3528
                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                              Matches 100; Conservative
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: TANIMOTO, Tadao
APPLICANT: KURIMOTO, Masashi
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                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 157 amino acids
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CITY: Washington
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    120 GHFLACQKEDDAFKLILKKKDENGDKSVMFTLTN 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: PC-DOS/MS-LUS
OPERATING SYSTEM: Pc-DOS/MS-LUS
SOFTWARE: Patent In Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: si
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                                                                 61 VTLSVKDSKXSTLSCKNKIISFEEMDDPENIDDIQSDLIFFQKRVPGH-NKMEFESSLYE 119
                                          62 VTISVKCEKISXLSCENKIISFKEMNPPDNIKDTKSDIIFFQRSVPGHDNKMQFESSSYE 121
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                                                                                                                  2 FGKLESKLSVIRNLNDQVLFIDQGNRPLFEDMTDSDCRDNAPRTIFIISMYKDSQPRGMA 61
                                                                                                                                                                                                                  Similarity
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                63.5%; Score 513; DB 2; Length 157; 64.9%; Pred. No. 1.6e-53;
                                                                                                                                                                                                                                                                                                                                                                                                                                 6:
                                                                                                                                                                                              26; Mismatches
                                                                                                                                                                                                26; Indels
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; Sequence 1, Application US/08884324; Patent No. 6060283; GENERAL THEORY.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: BROWDY, ROGET L.

REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: TANI
TELECOMMUNICATION INFORMATION:
TELEPHANE: 202-628-5197
TELEPHANE: 202-737-35.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 4:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: PATENT IN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
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APPLICANT: KURIMOTO, Masashi
TITLE OF INVENTION: PROCESS
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MEDIUM TYPE: Floppy
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LENGTH: 157 amino acids
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FILING DATE: 18-JUL-
PRIOR APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                               122 GYFLACEKERDLFKLILKKEDELGDRSIMFTVQN 155
                                                                                                                                                                      120 GHFLACQKEDDAFKLILKKKDENGDKSVMFTLTN 153
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COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                     61 VTLSVKDSKXSTLSCKNKIISFEEMDPPENIDDIQSDLIFFQKRVPGH-NKMEFESSLYE 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: JP 31,474/1997 FILING DATE: 31-JAN-1997
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                                                                                                                                                                                                                                62 VTISVKCEKISXLSCENKIISFKEMNPPDNIKDTKSDIIFFQRSVPGHDNKMQFESSSYE 121
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                                                                                                                                                                                                                                                                                                                                                                                               63.5%; Score 513; DB 2; Length 157; 64.9%; Pred. No. 1.6e-53; ative 26; Mismatches 26; Indels
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US-08-996-338-26
; Sequence 26, Application US/08996338
; Patent No. 6087116
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                                                                                                                                                                           Patent No. 6087116 GENERAL INFORMATION:
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Best Local
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                                                                                 APPLICANT: TORIGOE, Kakuji
APPLICANT: OKURA, Takanori
APPLICANT: KURIMOTO, Musashi
TITLE OF INVENTION: POLYPEPTIDES
NUMBER OF SEQUENCES: 37
                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 157 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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CITY: Washington
STATE: D.C.
TGA
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APPLICATION NUMBER: JP 18
FILING DATE: 27-JUN-1996
ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                       120 GHFLACQKEDDAFKLILKKKDENGDKSVMFTLTN 153
                                                                                                                                                                                                                                                                                                    122 GYFLACEKERDLFKLILKKEDELGDRSIMFTVQN 155
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
STATE:
             STREET: 419 Sever CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                        61 VTLSVKDSKXSTLSCKNKIISFEEMDPPENIDDIQSDLIFFQKRVPGH-NKMEFESSLYE 119
                                                  ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                        2 FGKLESKLSVIRNLNDQVLFIDQGNRPLFEDMTDSDCRDNAPRTIFIISMYKDSQPRGMA 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE:
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                             419 Seventh Street, N.W., Suite 300
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Masahi KURIMOTO
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                    BROWDY AND NEIMARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    63.5%; Score 513; DB 3; Length 157; 64.9%; Pred. No. 1.6e-53;
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US-08-896-605A-2
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                                                                                                                                                           Sequence 2, Application US/08896605A Patent No. 5879942 GENERAL INFORMATION:
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
                                                                                  APPLICANT: TANIMOTO, Tadao
APPLICANT: KURIMOTO, MASSSHİ
TITLE OF INVENTION: PROCESSING ENZYME FOR POLYPEPTIDE
NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: BROWDY, ROGER L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: TO!
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: JP 291,837/1997 FILLING DATE: 09-OCT-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 28-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/996,338 FILING DATE: 22-DEC-1997 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: PC_DOS/MS_DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                       120 GHFLACQKEDDAFKLILKKKDENGDKSVMFTLTN 153
STREET: 419 Sever CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                               61 VTLSVKDSKXSTLSCKNKIISFEEMDPPENIDDIQSDLIFFQKRVPGH-NKMEFESSLYE 119
                                                                                                                                                                                                                                                                                                                                                                           62 VTISVKCEKISXLSCENKIISFKEMNPPDNIKDTKSDIIFFQRSVPGHDNKMQFESSSYE 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
                    419 Seventh Street, N.W.,
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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12-MAR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  63.5%; Score 513; DB 3; Length 157; 64.9%; Pred. No. 1.6e-53; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC\_DOS/MS-DOS

SOFTWARE:

Patent In Release #1.0, Version #1.30

ZIP:

20004

USA

STATE: D.C. COUNTRY:

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US-08-896-501A-2
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TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
ENGTH: 193 amino acids
FILING DATE: 18-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 213,267/1996
FILING DATE: 25-JUL-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 31,474/1997
FILING DATE: 31-JAN-1997
                                                                                                                                OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/896,501A
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: TANIMOTO, Tadao
APPLICANT: KURIMOTO, Masashi
TITLE OF INVENTION: PROCESS FOR PRODUCING POLYPEPTIDE
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: peptide
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 193 amino acids
TYPE: amino acid
STRANDEDNESS: single
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REGISTRATION NUMBER: 25
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                               COMPUTER:
                                                                                                                                                                                                                                                                                                               COUNTRY
                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: BROWDY AND NEIMARK STREET: 419 Seventh Street, N.W., Suite 300
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5. 5891663
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                                                                                                                                                                                                        E: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Roger L.
TAI
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; MOLECULE TYPE: protein US-08-464-164-2
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US-08-464-164-2
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; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-896-501A-2
                                            FILING DATE: June 2, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GOTNLEY, MATY E.
REGISTRATION NUMBER: 34,409
TELECOMMUNICATION INFORMATION: 75,200
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 456 maino acids
TYPE: amino acids
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Patent No. 5614195
GENERAL INFORMATION:
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Ouery Match
Best Local Similarity 64.9%; Pred. No. 2.2e-53;
Matches 100; Conservative 26; Mismatches 26; Indels
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TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,164
FILTMG DATE: US/08/464,164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ANDONESSEE: AKZO NO. 5614195el Patent Department STREET: 1300 Piccard Drive, Suite 206
CITY: ROCKVille
STATE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Tomley, Fiona M.
APPLICANT: Dunn, Paul P. J.
APPLICANT: Bumstead, Janene M.
APPLICANT: Vermeulen, Arno N.
TITLE OF INVENTION: Coccidiosis poultry vaccine
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NAME: BROWDY, ROGET L.
REGISTRATION NUMBER: 25,618
REFERENCE_FOCKET NUMBER: TAT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  158 GYFLACEKERDLFKLILKKEDELGDRSIMFTVQN 191
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US-08-668-416-2

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*RESULT 12
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Best Local :
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Best Local :
                                                                                                                                                                                                             Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 34,409
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93.309078.9
FILING DATE: 12-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Tomley, Fiona M.
APPLICANT: Dunn, Paul P. J.
APPLICANT: Bumstead, Janene M.
APPLICANT: Vermeulen, Arno N.
TITLE OF INVENTION: Coccidiosis poultry vaccine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                             266 PSLESTILNI-RQFQGTQKLAAAALLYMGSKLTTNEETDELNKIFQKMDKNGD 317
                                                                                                                                    216 PQWRKVSEPAKDLIRKMLAYVPSMRISAKDALDHPWIKSTDVTAKDSI-----
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                                                                                                92 DDIQSDLIFFQKRVPGHNKMEFESSLYEGHFLACQKEDDAFKLILKKKDENGD 144
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Gormley, Mary E. REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                             LENGTH:
                                                                                                                                                                       PQTRLIIYMYKDSEVRGLA----VTLSVKDS-----KXSTLSCKNKIISFEEMDPPENI 91
                                                                                                                                                                                                                               Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Rockville
                                                                                                                                                                                                                                                                                                                                          amino acid
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Maryland Y: U.S.A.
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1330 Piccard Drive
                                                                                                                                                                                                                                                                                                                                                                           456 amino acids
                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                   (301) 258-5200
                                                                                                                                                                                                                                                                                                                       protein
                                                                                                                                                                                                                           10.0%; Score 80.5; DB 1; 25.7%; Pred. No. 0.19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10.0%; Score 80.5; DB 25.7%; Pred. No. 0.19;
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                                                                                                                                                                                                          21;
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                                                                                                                                                                                                             Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           42;
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                                                                                                                                                                                                                                              Length 456;
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                                                                                                                                    -NL 265
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                                                                                                                                                                                                                                                                                            US-08-819-288-3
                                                                                                                                                                                                                                                                                                            RESULT 13
                                                                                                                                                                                                                                                    Sequence 3, Application US/08819288 Patent No. 5955652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
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                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Ecker, Joseph
APPLICANT: ALONSO, JOSE
TITLE OF INVENTION: PLANT GENES FOR SENSITIVITY TO ETHYLENE
TITLE OF INVENTION: AND PATHOGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08
FILING DATE: June 2, 1995
ATTORNEY/AGENT INFORMATION:
NAME: GOITHLEY, MAIY E.
REGISTRATION NUMBER: 34,4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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LENGTH: 456 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (301) 258-5200
                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Vermeulen, Arno N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 216 PQWRKVSEPAKDLIRKMLAYVPSMRISAKDALDHPWIKSTDVTAKDSI------NL
                                                                                                                                                                                                                                                                                                                                                                     266 PSLESTILNI-RQFQGTQKLAAAALLYMGSKLTTNEETDELNKIFQKMDKNGD 317
COUNTRY: US
ZIP: 19103
                                                STREET: One Liberty CITY: Philadelphia
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CITY: Rockville
STATE: Maryland
                                      STATE:
                                                                        ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955652ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                         92 DDIQSDLIFFQKRVPGHNKMEFESSLYEGHFLACQKEDDAFKLILKKKDENGD 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     42 PQTRLIIYMYKDSEVRGLA----VTLSVKDS-----KXSTLSCKNKIISFEEMDPPENI 91
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/668,416
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Dunn, Paul P. J.
Bumstead, Janene M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 456;
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US-08-819-288-3
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; Patent No. 5650553
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APPLICANT: Ecker, Joseph R. et al.

APPLICANT: Ecker, Joseph R. et al.

TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
TITLE OF INVENTION: and Pathogens
NUMBER OF SEQUENCES: 82

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
STREET: One Liberty Place, 46th floor
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                                                                       NAME: BEATCH! LOT! Y.
REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DDS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION UMBER: US/08/261,822A
FILING DATE: 17-JUN-1994
FILING DATE: 17-JUN-1994
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ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: UP)
SEQUENCE CHARACTERISTICS:
LENGTH: 1321 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                      NAME: Beardell, Lori Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             572 LQSTVVNEVSDKDLIVETKMAKIEPMSPVEKIVSMENNSKFIEKDVEG 619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  517 TTSVTSSVYDLPENILMTDQEIRSSPPEERELDVKYSTSQ-----VSSLKEDSDVKEQSV 571
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 1294 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          62 TLS--VKDSKXSTLSCKNKIISFEEMDPPENIDDIQSDLIFFQKRVPG 107
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TELEPAX: 215-568-3439
TELEPAX: TD NO:
                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 28; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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                                                                                   Matches
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                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 1321 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                 TOPOLOGY: 11
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APPLICATION NUMBER: PCT/US95/07744A
FILING DATE: 15-JUNE-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Trustees of The University of Pennsylvania
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
TITLE OF INVENTION: and Pathogens
NUMBER OF SEQUENCES: 82
                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: June 17, 19 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE:
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517 TTSVTSSVYDLPENILMTDQEIRSSPPEERELDVKYSTSQ-----VSSLKEDSDVKEQSV 571
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               517 TTSVTSSVYDLPENILMTDQEIRSSPPEERELDVKYSTSQ-----VSSLKEDSDVKEQSV 571
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CITY: Philadelphia
CTATE: PA
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                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              watch 9.5%; Score 76.5; DB 1; Length 1321; Local Similarity 25.9%; Pred. No. 2.6; es 28; Conservative 21; Mismatches 46; Indels 13;
                                                                            Match 9.5%; Score 76.5; DB 4; Length 1321; Local Similarity 25.9%; Pred. No. 2.6; Length 1321; Mismatches 46; Indels, 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
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                                         8 TTAVIRNIND----QVLFVD----KRQPVFEDMTDIDQSASEPQTRLIIYMYKDSEVRGLAV 61
                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Beardell,
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One Liberty Place, 46th floor
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